



### ALU 80 XC

Alu 80 XC films are highly effective at reducing solar heat gain, whilst at the same time continuing to allow some natural light transmission. Solar glare is greatly diminished and its one-way mirror aspect guarantees privacy from prying eyes, whilst affording a modern feel to the exterior of a building.



SOLAR SCREEN® Warranty  
 See the notice "new guarantees for the external films"



Fire-resistance rating  
**M1**



Storage from -5°C to +40°C  
**3 YEARS**



REACH RoHS compliant  
**RESPECTED**

### WIDTHS AVAILABLE:

- ↔ **122 cm**
- ↔ **152 cm**
- ↔ **183 cm**

### TECHNICAL DATASHEET

Data calculated based on film applied to clear glass 3 mm thick (\*on double glazing 4-16-4)

Ultraviolet transmission	1 %
Visible light transmission	24 %
Reflection of external visible light	60 %
Reflection of internal visible light	59 %
Total solar energy rejected	80 %
Total solar energy rejected 2*	85 %
Solar ratio :	
Solar energy reflection	63 %
Solar energy absorption	22 %
Solar energy transmission	15 %
Reduction in Solar Glare	82 %
g-value	0.16
u-value	
Shading coefficient	0.2
Installation type : Exterior	
Roll length	30,5 m
Film composition	PET
Thickness	75 µ

Colour from the outside : SILVER

### CONSTRUCTION

1. Hard scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester, with anti IR metal particles deposit
3. Bonding adhesive
4. High optical quality polyester
5. PS adhesive, glass polymerization within 15 days
6. Protection release liner, disposable after installation



### MAINTENANCE INSTRUCTIONS

Soapy water solution (ref. 0805 Film on), do not clean for at least a month and do not apply any type of sticker or adhesive on the film.

*Non-contractual data, SOLAR SCREEN® reserves the right to modify the composition of its films at any time. Consult our guarantee vouchers and our general conditions of sale.*

### INSTALLATION ADVICE

Vertical installation and on standard glass surface\*\*

Clear single pane	✓
Tinted single pane	✓
Reflective tinted single pane	✓
Clear double pane	✓
Tinted double pane	✓
Reflective tinted double pane	✓
Gas-filled double pane - Low E	✓
STADIP EXT. clear double pane	✓
STADIP INT. clear double pane	✓

✓ Yes    ! Caution    ✗ Not recommended

\*Recommendations provided on the basis of a glazed surface covering up to 2.5m<sup>2</sup>, contact us for definitive details or to obtain a thermal chock analysis report.